

GEM Building Taxonomy Report

House along a drainage creek
NED University



Taxonomy string:

DX /MUR+CBS+MOC /LWAL /DY /MUR+CBS+MOC /LWAL / /HEX:1+HBEX:0 /RES+RES1 /BP3 /PLFR /IRIR+IRPP:REC /EWMA /RSH5+RMT6+RO+RWCN /FN+FWCN /

Material type (direction 1):

Masonry, unreinforced

Material properties (direction 1):

Cement mortar

Lateral load-resisting system (direction 1):

Wall

Material type (direction 2):

Masonry, unreinforced

Material properties (direction 2):

Cement mortar

Lateral load-resisting system (direction 2):

Wall

Foundations:

Unknown foundation system

Type of Irregularity:

Irregular structure

Plan structural irregularity - primary:

Re-entrant corner

Plan structural irregularity - secondary:

No irregularity

Roof shape:

Monopitch

Roof system material:

Roof material,other

Roof connections:

Roof-wall diaphragm connection not provided

Floor system material:

No elevated or suspended floor material (single-storey)

Floor connections:

Floor-wall diaphragm connection not provided

Exterior walls material:

Masonry

Date of construction:

Year unknown

Number of storeys above the ground:

Exact number of storeys 1

Height of the grade above ground floor:

Height above grade unknown

Occupancy type - general:

Residential

Country:

Pakistan

Summary:

Material technology (direction 1):

Concrete blocks, solid

Material technology (additional, direction 1):

System ductility (direction 1):

Ductility unknown

Material technology (direction 2):

Concrete blocks, solid

Material technology (additional, direction 2):

System ductility (direction 2):

Ductility unknown

Plan shape:

Rectangular, solid

Building position within a block:

Three adjacent buildings

Vertical structural irregularity - primary:

No irregularity

Vertical structural irregularity - secondary:

Roof covering:

Metal sheets

Roof system type:

Floor system type:

Number of storeys below the ground:

Exact number of storeys 0

Slope of the ground (for buildings on slopes):

Unknown slope

Occupancy type - detail:

Single dwelling

Region (province, state, etc.):

Along Gujjar Nalla, Karachi

Illegal encroachment along creek - starts off as temporary settlements consisting of rudimentary shacks but eventually builds up into solid, more permanent structures built of a variety of salvaged materials.